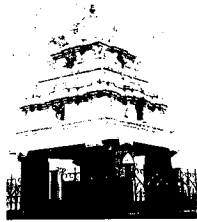


BRUHAT BANGLORE MAHANAGARA PALIKE



DASARAHALLI-ZONE

T.DASARAHALLI-SUB-DIVISION.

Name of Work:- Improvements to Drains and Roads at Navy Layout of Sidedahalli Village, Ward.No. 14, T.Dasarahalli sub Division.

Estimate Cost :- 19.95 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :-Improvements to Drains and Roads at Navy Layout of Sidedahalli Village,

Ward.No. 14, Bangalore

			Est. Cost Rs				19.95	Lakhs	
SI	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	For Road :								
1	KSRRB 300- Scarifying the surface and dressing KSRRB 300-44 Scarifying top bituminous surface or surface dressing or premix carpet including picking up scarified materials, stacking of old serviceable materials within a lead of 100 metres by manual means including cost of all about charges complete as per specifications. MORTH Chapter 3 (P.156/I.19.50 PW, P & IWTD -SR 2012-13)	Sqm							
	Cross Roads - Navy Layout		1	149.00	7.00		1043.00		
			1	180.00	7.00		1260.00		
			1	78.00	6.00		468.00		
			1	70.00	6.00		420.00		
			1	90.00	7.00		630.00		
							3821.00	17.93	68503.00
	Basic Rate	16.60							
	Add Area Weightage 8%	1.33							
	Total	17.93							
2	KSRRB M300- Construction of Embankment with Material Gravel / Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel / Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305 (P.157/I.19.60 PW, P & IWTD -SR 2012-13)	Cum							
	Cross Roads - Navy Layout		1	149.00	7.00	0.20	208.60		
			1	180.00	7.00	0.20	252.00		
			1	78.00	6.00	0.20	93.60		
			1	70.00	6.00	0.20	84.00		
			1	90.00	7.00	0.20	126.00		
							764.20	146.88	112246.00
	Basic Rate	136.00							
	Add Area Weightage 8%	10.88							
	Total	146.88							
3	KSRRB M400- Water Bound Macadam - KSRRB M400-1 4.1. Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specifications including spreading in uniform thickness, hand packing, rolling with 3-wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per Specification. A. By mannual means. MORTH Specification No. 404 - Type B 11.2mm for grading III (P.167/I.20.14.2 PW, P & IWTD - SR 2012-13)	Cum							
	Cross Roads - Navy Layout		1	149.00	7.00	0.10	104.30		

			1	180.00	7.00	0.10	126.00		
			1	78.00	6.00	0.10	46.80		
			1	70.00	6.00	0.10	42.00		
			1	90.00	7.00	0.10	63.00		
							382.10	1172.88	448157.00
	Basic Rate	1086.00							
	Add Area Weightage 8%	86.88							
	Total	1172.88							
4	KSRRB M400-14.2. Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specifications, including spreading in uniform thickness, hand packing, rolling with 3-wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per specifications. B. By Mechanical Means. MORTH Specification No. 404 (P.167/I.20.14.4 PW, P & IWTD - SR 2012-13)		Cum						
	Cross Roads - Navy Layout		1	149.00	7.00	0.075	78.23		
			1	180.00	7.00	0.075	94.50		
			1	78.00	6.00	0.075	35.10		
			1	70.00	6.00	0.075	31.50		
			1	90.00	7.00	0.075	47.25		
							286.58	1272.24	364592.00
	Basic Rate	1178.00							
	Add Area Weightage 8%	94.24							
	Total	1272.24							
5	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.150/I.19.1 PW, P & IWTD -SR 2012-13)		Cum						
			2	149.00	0.50	0.50	74.50		
			2	180.00	0.50	0.50	90.00		
			2	78.00	0.50	0.50	39.00		
			2	70.00	0.50	0.50	35.00		
			2	90.00	0.50	0.50	45.00		
							283.50	58.32	16534.00
	Basic Rate	54.00							
	Add Area Weightage 8%	4.32							
	Total	58.32							
6	Lead for Disposal of Debris shall be payable at carage rates be mechanical means - With all lead, lifts, loading and unloading charges, cost and conveyance of all materials, labour, equipments. 10Kmtrs etc., complete (P.148/I.18.57) PW, P & IWTD - SR 2012-13)		Cum						
			Qty Vide Item No. 1				283.50	78.24	22180.00
	2 x 1.28 x 4 Kmtrs	10.24							
		62.20							
	Basic Rate	72.44							
	Add Area Weightage 8%	5.80							
	Total	78.24							

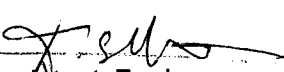
	For Drain :								
7	KSRRB 300 - Excavation for road, drains and similar works , KSRRB 300-2. Earthwork excavation by manual means in hard soil involving an average horizon. throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.150/I.19.2 PW, P & IWTD -SR 2012-13)	Cum							
			1	78.00	1.20	1.00	93.60		
			1	32.50	1.20	1.00	39.00		
							132.60	81.00	10741.00
	Basic Rate	75.00							
	Add Area Weightage 8%	6.00							
	Total	81.00							
8	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PW, P & IWTD - SR 2012-13)	Cum							
			1	78.00	1.20	0.15	14.04		
			1	32.50	1.20	0.15	5.85		
							19.89	3812.82	75837.00
	Basic Rate	3597.00							
	Add Area Weightage 6%	215.82							
	Total	3812.82							
9	KSRB 4-2.2: Providing and laying in position plain cement concrete of design mix M20 with OPC cement @320 kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2012-13)	Cum							
	For Bottom		1	78.00	1.20	0.15	14.04		
	For Sides		2	78.00	0.15	0.75	35.10		
	For Bottom		1	32.50	1.20	0.15	5.85		
	For Sides		2	32.50	0.15	0.75	14.63		
	For Building Side		1	78.00	0.15	0.30	3.51		
			1	32.50	0.15	0.30	1.46		
							74.59	5142.06	383533.00
	Basic Rate	4851.00							
	Add Area Weightage 6%	291.06							
	Total	5142.06							

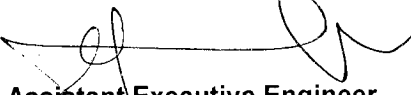
No. EE/20/TS/604/1213 Date: 20-03-2013
 Rs. 19.95 daily (Rupees Nineteen daily
 only five hundred only)
 The amount Rs. 19.95 is proposed to be
 released upon the
 completion of the
 work.

10	KSRB 4.9.2 : Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 (P.19/I.4.46) PW, P & IWTD - SR 2012-13)	q							
	10mm dia along		1105	2.40		0.62	1644.24		
	10mm dia across		24	110.50		0.62	1644.24		
							3288.48		
						Say	32.88	7187.86	236371.00
	Basic Rate	6781.00							
	Add Area Weightage 6%	406.86							
	Total	7187.86							
11	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.17/I.4.31) PW, P & IWTD - SR 2012-13)	Sqm							
	For Sides		2x2	78.00		0.75	234.00		
			2x2	32.50		0.75	97.50		
							331.50	239.56	79414.00
	Basic Rate	226.00							
	Add Area Weightage 6%	13.56							
	Total	239.56							
12	Supplying and fixing precast reinforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.	Sqm							
	Data Rate Approved By CE DZ		1	78.00	1.00		78.00		
			1	32.50	1.00		32.50		
							110.50	1600.00	176800.00
13	Miscellaneous and Unforeseen Charges	LS							92.00
								Total	1995000
(Rupees Nineteen Lakhs Ninety Five Thousand Only)									

CERTIFICATE

- 1) The Work spot has been inspected and the work is found to be necessary
- 2) The Estimate is prepared as per the PW,P & IWTD - SR - 2012-13
- 3) The Provision made in estimate are adequante and essential
- 4) This area comes under B.B.M.P Limits


 Assistant Engineer
 Ward-14
 19.95 lakhs (Rupees nineteen lakhs ninety-five thousand only)

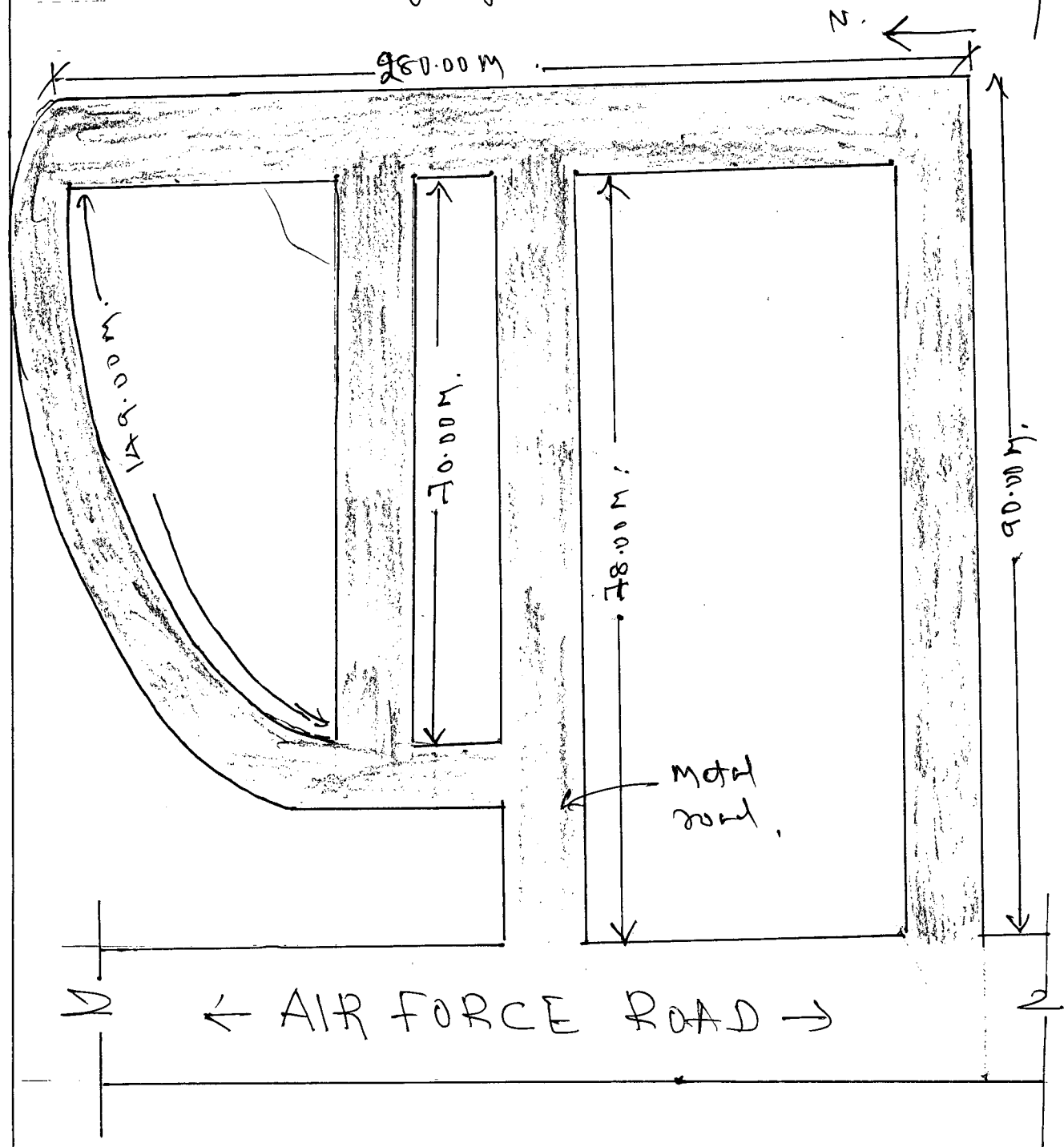

 Assistant Executive Engineer
 T. Dasarahalli Sub-Division
 B.B.M.P


 Executive Engineer
 Dasarahalli Division
 B.B.M.P. Bangalore.

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Name of work: Improvements to Drains and roads at
Navy Layout of Giddalaha Village, Ward No-14
Bangalore.



Tracy

John

[Signature]
Sd/- *[Signature]*
M. S. Srinivasan
M. S. Srinivasan
M. S. Srinivasan